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Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 8, 2014

Ken Fleck, Manager
Energy West Mining Company
P.O. Box 310
Huntington, Utah 84528

Subject: Update Volume 10, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task ID #4718

Dear Mr. Fleck:

The Division has reviewed your application. The Division has identified deficiencies that must be addressed before final approval can be granted. The deficiencies are listed as an attachment to this letter.

The deficiencies authors are identified so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock
Coal Program Manager

DRH/sqs
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Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0150019
TaskID: 4718
Mine Name: COTTONWOOD/ WILBERG
Title: UPDATE VOLUME 10

General Contents

Reporting of Technical Data

Deficiencies Details:

The application update to Volume 10 of the MRP does not adequately meet the minimum Clear and Concise requirements of rule R645-301-200. The Permittee needs to correct the following errors to reflect the corresponding equations in the currently approved MRP. The following deficiencies must be addressed:

- 1) Appendix C, pdf page 199 -- Equation 1 needs parentheses to match approved MRP - Volume 10 page 4-6: $(P - 0.2S)^2$
- 2) Appendix C, pdf page 200, 2nd paragraph -- "p - 0.2S" is incorrect, change it to "p \geq 0.2S" to match the approved MRP
- 3) Appendix C, pdf page 205 -- the last equation on the page the peak flow should have an "=" sign not a "x" sign, to say "= 0.71 cfs"
- 4) Appendix C, pdf page 207, 1st paragraph - should state 'Manning n = 0.035' (not n = 0.35) to match the approved MRP - [Volume 10 page 4-14]

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